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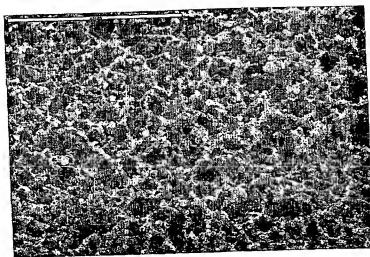
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(54) Title: BIOARTIFICIAL IMPLANT AND ITS USE AND METHOD OF REDUCING THE RISK FOR FORMATION OF CONNECTIVE TISSUE AFTER IMPLANTATION



(57) Abstract: A bioartificial implant comprises a semipermeable barrier designed from one side to allow diffusion or prevent diffusion of predetermined substances/materials/molecules/cells/cell lines produced in the human body to the other opposite side of the barrier, and from said other opposite side to allow diffusion or prevent diffusion of predetermined substances which are the same as or different from the first mentioned substances/materials/molecules/cells/cell lines. The semipermeable barrier has a surface coating at least on said one side a bioactive metal, such as titanium, which surface coating is permeable to allow said diffusions. In a method for reducing the risk of formation/growth of connective tissue in connection with an implant which comprises a semipermeable barrier, the barrier is provided at least on one side with a permeable coating of bioactive metal. An example of the use of the implant is bioartificial pancreas.



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